Index of Claims



Application No.

09/803,721

Examiner

LaToya I. Cross

Applicant(s)

SCHMIDT ET AL

Art Unit

1743

| √ | Rejected |
|---|----------|
| = | Allowed  |

\_\_ (Through numeral)
Cancelled

Restricted

N Non-Elected

Interference

A Appeal

Objected

o

| B          |                        |          |          |                 |  |  |                 |                |       |       |     |           |           |                   |          |         |  |        |          |          |             |  |              |          |          |                |               |   |
|--|------------------------|----------|----------|-----------------|--|--|-----------------|----------------|-------|-------|-----|-----------|-----------|-------------------|----------|---------|--|--------|----------|----------|-------------|--|--------------|----------|----------|----------------|---------------|---|
| 1         V         51         101         102         102         102         102         102         103         4         V         53         103         103         103         104         104         104         105         105         6         106         106         106         107         107         107         107         107         107         107         107         107         107         109 <t< td=""><td colspan="5">Claim Date</td><td colspan="6">Claim Date</td><td></td><td>CI</td><td>aim</td><td colspan="7">Date</td></t<>   | Claim Date             |          |          |                 |  | Claim Date                                       |                 |                |       |       |     |           | CI        | aim               | Date     |         |  |        |          |          |             |  |              |          |          |                |               |   |
| 2  | Final                  | Original | 6/21/04  |                 |  |  |                 |                |       | Final |     |           |           |                   |          |         |  |        | Final    | Original |             |  |              |          |          |                |               |   |
| 3  |                        |          | <b>✓</b> |                 |  |  |                 |                |       |       |     |           |           |                   | Ш        |         |  |        |          |          |             |  |              |          |          |                |               |   |
| A   V   V   D   D   D   D   D   D   D   D  |                        |          | 1        |                 |  | $\perp$  |                 | Ш              |       |       |     |           | _         |                   |          |         | Ш.   | _      |          |          | _           |  |              |          |          |                | $\Box$        |   |
| 5  |                        |          | <b>V</b> |                 |  | 11   |                 | Ш              |       |       |     |           |           | ┷                 |          |         | $\perp \perp$                                    |        | L        |          |             | <u> </u>   | <u> </u>     |          |          |                | $\vdash$      | _ |
| 6  |                        |          | V        | <u> </u>        | $\vdash$   | +  |                 |                |       |       |     | -         | +         | -                 |          | _       | ++   | 4      | <u> </u> |          |             | ـ  | <u> </u>     | _        |          | $\sqcup$       | $\dashv$      |   |
| 17   |                        |          | <u>~</u> |                 | -  | +  |                 | Н              |       |       |     |           | _         |                   | -        |         | ++   | 4      |          |          |             | <del> </del>                                     | -            |          |          |                | $\dashv$      |   |
| 8  |                        |          | V        |                 |  | ╂╼┼  |                 | Н              |       |       |     | $\square$ |           | - -               | H        |         |  | 4      |          |          |             | ╀  | ┈            | <u> </u> |          | $\vdash$       | $\vdash$      | _ |
| 9   V  | <u> </u>               |          | <u> </u> |                 | $\vdash\vdash$                                   | ╅┪   |                 | Н              |       |       |     | H         | $\dashv$  | +-                | $\vdash$ | +       | $\vdash$   | -      |          |          |             | +-   | $\vdash$     | $\vdash$ |          | $\vdash$       | $\dashv$      |   |
| 10   | -                      |          |          |                 | $\vdash$   | +  |                 | H              |       |       |     |           | $\dashv$  | +                 | $\vdash$ | +       | +  | -      |          |          |             |  | Ͱ            |          | -        | $\vdash$       | <del></del>   | _ |
| 111  |                        |          | -        |                 | $\vdash$   | +-+  | $\dashv$        | H              | 1     |       |     |           |           | +                 | $\vdash$ |         | ++   | -      | <u> </u> |          |             | 1  | ⊢            |          |          | $\vdash\vdash$ | $\vdash$      | _ |
| 12   V   |                        |          | -        |                 |  | 1 1  | _               | Н              | ŀ     |       |     | +         |           | +                 | $\vdash$ |         | +  | -      | $\vdash$ |          | -+-         | +  | ╁            | $\vdash$ | H        |                | $\vdash$      |   |
| 13   V   |                        |          | <u> </u> |                 | <del>                                     </del> | 1  |                 | H              | · · · |       |     | $\Box$    |           | +                 | $\vdash$ | _       | ++   | -      |          |          |             | T  | ┢            |          |          |                | $\dashv$      | - |
| 14   V   |                        |          | V        |                 |  | $\Box$   |                 | П              |       |       |     |           |           |                   | 1        | $\top$  | 1 1  |        |          |          |             | +-   |              |          |          |                | $\dashv$      | _ |
| 15   |                        |          | V        |                 |  |  |                 |                |       |       |     | П         |           |                   |          |         |  | 7      |          |          |             | <b>†</b> ~                                       | T            | $\vdash$ |          |                | $\top$        | _ |
| 16   |                        |          | V        |                 |  |  |                 |                |       |       |     |           |           |                   |          |         |  |        |          |          |             |  | T            |          |          | П              | 一             | _ |
| 18   |                        | 16       | /        |                 |  |  |                 |                |       |       |     |           |           | T                 |          |         |  |        |          | 116      |             |  | 1            |          |          |                |               | _ |
| 19   J   |                        |          |          |                 |  |  |                 |                |       |       | 67  |           |           |                   |          |         |  |        |          | 117      |             |  |              |          |          |                |               | _ |
| To   To   To   To   To   To   To   To  |                        |          |          |                 |  | Ш  |                 |                |       |       |     |           |           |                   |          |         |  |        |          |          |             |  |              |          |          |                |               |   |
| 21       1       71       72       121       122       122       123       123       123       124       123       124       124       124       124       124       124       125       125       125       126       126       126       126       126       126       126       126       126       126       126       126       127       127       127       127       127       127       127       128       128       128       128       128       128       128       128       129       130       130       130       130       130       130       130       130       130       130       130       130       130       131       131       131       131       131       131       131       131       131       131       131       131       131       131       131       131       131       131       132       132       132       133 <td></td> <td></td> <td>_</td> <td></td> <td>_</td> <td></td>                                       |                        |          | _        |                 |  |  |                 |                |       |       |     |           |           |                   |          |         |  | _      |          |          |             |  |              |          |          |                |               |   |
| 22         123         123         123         123         123         123         123         123         123         123         123         123         123         123         123         124         124         124         124         125         126         126         126         126         126         126         126         126         126         127         127         127         127         127         128         128         128         128         128         128         128         129         129         129         129         129         129         130         130         130         130         131         130         131         131         131         131         131         131         131         132         132         133         133         133         133         133         133         133         133         133         133         134   |                        |          | Ν        |                 |  | $\sqcup$   |                 |                |       |       |     |           |           |                   |          |         | $\perp \perp$                                    | _      |          |          |             |  |              | <u> </u> |          |                | $\Box$        |   |
| 23         123         123         123         124         124         125         125         125         126         125         126         126         126         126         126         126         126         126         127         127         127         128         128         129         128         129         129         130         130         130         130         130         130         130         130         130         131         131         131         131         131         131         131         131         133         134   |                        |          | L.       |                 |  | $\perp \perp$                                    |                 |                |       |       |     |           |           | -                 |          | $\perp$ | <del>                                     </del> | _      |          |          |             | $\perp$  | <u> </u>     |          |          |                |               |   |
| 24         124         124         125         125         125         126         125         126         126         126         126         127         127         127         127         127         128         128         128         129         129         129         129         129         130         130         130         130         131         131         131         131         131         131         132         132         133         133         133         133         133         133         133         133         134         134         134         134         134         134         134         134         134         135         135         135         135         136         136         137         137         137         137         137         137         137         138         138         138         138         138         138         138         138         138         139         139         140         141         141         141         141         141         142         142         143         144         144         144         144         144         144         144         144         144         144   | <u> </u>               |          | _        |                 |  | ++   |                 | $\blacksquare$ |       |       |     | $\sqcup$  | _         |                   |          | _       | -  | 4      |          |          |             |  | ╙            | _        |          |                | $\rightarrow$ |   |
| 25         125         125         126         126         126         126         127         127         127         127         128         127         127         128         127         128         128         129         129         129         129         129         129         130         130         130         130         131         131         131         131         131         132         132         132         132         132         133         133         133         133         133         133         133         133         134         134         134         134         134         135         135         135         136         137         136         137         137         136         137         137         138         138         138         139         139         139         140         141         141         141         141         141         141         141         142         142         142         143         144         144         144         144         144         144         144         144         144         144         144         145         146         146         146         146         146   | $\vdash$               |          |          | +               | $\dashv$   | +-+  |                 | $\square$      | -     |       |     |           |           | -                 | $\dashv$ |         | +  | 4::::  |          |          |             | -  | <u> </u>     | <u> </u> |          |                | $\dashv$      |   |
| 26         76         126         127         127         127         127         127         128         128         128         128         128         129         129         129         129         129         130         130         130         130         130         130         130         131         131         131         131         131         131         132         132         133         133         133         133         133         133         133         133         133         133         133         134         135         135         135         135         136         136         136         136         136         136         137         137         138         138         138         138         138         138         138         139         144  |                        |          |          |                 | -  | ╁┼   |                 |                |       |       |     | Н         | +         | -                 | $\dashv$ | +       | ╂╌┼  | 4      |          | 124      |             | ╁  | -            |          | Н        |                | $\dashv$      | _ |
| 27         1         127         128         128         128         128         128         128         129         129         129         130         130         130         130         131         131         131         131         131         131         132         132         133   |                        |          | -        |                 | -  | +  | -               |                | 1     |       |     | Н         |           |                   | $\dashv$ | -       | -  | -      |          |          |             | ╁  | ┢┈           |          |          |                | +             | _ |
| 28       78       128       129       129       129       129       129       130       130       130       131       130       131       131       131       131       131       132       132       132       132       132       133       133       133       133       133       133       133       133       133       133       133       134       134       134       134       134       134       134       134       134       134       134       134       135       135       136       136       136       137       137       137       137       137       137       137       137       137       138       138       138       138       139       139       139       140       140       140       141       141       141       141       141       141       142       143       143       143       143       143       143       144       144       144       144       144       144       144       144       144       144       144       144       144       144       144       144       144       144       144       145       145       145       145       145  |                        |          | _        |                 |  | +  |                 | $\vdash$       | ł     |       |     |           | +         | +                 | -1       |         | ┼-┼-   | -      |          | 120      | <del></del> | ╁  | -            |          | -        |                | -+            | _ |
| 29       129         30       80         31       81         32       82         83       133         34       84         85       133         36       86         37       87         88       138         39       88         40       90         41       91         42       92         43       93         44       94         44       94         45       96         47       97         48       99         49       99  |                        |          |          |                 |  | ++   |                 | H              |       |       |     | $\vdash$  | +         | +                 |          |         | ++   | -      |          |          |             | ╁  | $\vdash$     | -        |          | $\dashv$       |               | _ |
| 80   |                        |          |          |                 |  | +++  |                 |                |       |       |     | H         |           | +                 | 1        |         | +  | -      |          |          | +           | ┼  |              |          |          | $\dashv$       | +             | _ |
| 31       32       33       33       34       35       36       36       36       37       37       38       37       38       39 <td< td=""><td></td><td></td><td></td><td></td><td></td><td>ΤÌ</td><td></td><td>H</td><td></td><td></td><td></td><td><math>\vdash</math></td><td></td><td>+</td><td></td><td>+</td><td>++</td><td>-</td><td></td><td></td><td>-</td><td><del>                                     </del></td><td><del> </del></td><td></td><td></td><td></td><td><math>\dashv</math></td><td></td></td<> |                        |          |          |                 |  | ΤÌ   |                 | H              |       |       |     | $\vdash$  |           | +                 |          | +       | ++   | -      |          |          | -           | <del>                                     </del> | <del> </del> |          |          |                | $\dashv$      |   |
| 32       82       132       133         33       133       133       133         34       134       134       134         35       135       135       135         36       86       136       137         38       88       138       138         39       89       139       139         40       90       140       141         41       91       141       141         42       92       142       142         43       93       143       143         44       94       144       144         45       96       146       147         48       98       148       148         49       99       149       149   |                        |          |          |                 |  | T  |                 |                |       |       |     |           | $\neg$    |                   |          |         | +  | 7      |          |          | 1           | $\dagger$  |              |          |          | $\dashv$       |               | _ |
| 33   |                        | 32       |          |                 |  | $\sqcap$   |                 |                |       |       |     |           |           |                   |          |         |  | 7      |          |          | $\top$      | T  |              |          |          | $\dashv$       |               | _ |
| 35         36         37         38         37         38         39<   |                        |          |          |                 |  |  |                 |                |       |       | 83  |           |           |                   |          |         |  |        |          |          |             |  |              |          |          | $\neg$         |               | _ |
| 36       37       38       87       38       136       37       38       39       38       39       38       39 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>T</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>Π</td><td></td><td></td><td></td><td><math>\neg</math></td><td></td></t<>  |                        |          |          |                 |  |  |                 |                |       |       |     |           |           | T                 |          |         |  |        |          |          |             |  | Π            |          |          |                | $\neg$        |   |
| 37       87       137       138         38       88       138       138         39       90       139       139         40       90       140       140         41       91       141       141         42       92       142       142         43       93       143       143         44       94       144       144         45       95       145       146         46       96       146       147         48       98       98       148         49       99       149   |                        |          |          |                 |  | $\perp \perp$                                    |                 |                |       |       |     |           |           |                   |          |         |  |        |          |          |             |  |              |          |          | コ              |               |   |
| 38       88       138       138       139       139       139       139       139       139       139       139       139       140       140       140       140       140       140       141       141       141       141       141       141       141       141       141       141       141       141       142       142       142       142       143       144       144       144       144       144       144       144       144       144       144       145       145       146       146       146       147       147       147       148       148       148       148       149  |                        |          |          |                 |  | Ш  |                 |                |       |       |     |           |           | Ш                 | $\perp$  |         |  |        |          |          |             |  |              |          |          |                |               |   |
| 39       89       139         40       90       140         41       91       141         42       92       142         93       143         44       94       144         45       95       145         46       96       146         47       97       147         48       99       99  |                        |          |          |                 | $\perp$  | $\sqcup$   | _               |                | -     |       |     |           |           |                   | _        |         |  |        |          |          |             |  |              |          |          |                |               |   |
| 40       90       140       140       141  |                        |          |          |                 | _  | $\sqcup$   |                 |                |       |       |     | $\sqcup$  | <u>_</u>  | -                 | _        |         | $\sqcup$   | _      |          |          |             | ļ  |              |          |          | _              | $\perp$       |   |
| 41       91       141       141       142       141       142       142       142       144       142       144  |                        |          |          |                 |  | $\vdash$   | _               | Щ              | -     |       | 89  | <u> </u>  | $\dashv$  |                   | 4        | - -     |  | 4      |          | 139      |             | _  | -            |          |          |                | $\perp$       |   |
| 42       92       142       143         43       93       143       143         44       94       144       144         45       95       145       146         46       96       146       147         48       98       148       148         49       99       149       149  | $\vdash$               |          | $\vdash$ | $\dashv$        | -  | ++   | $\dashv \vdash$ |                |       |       |     | $\vdash$  |           | $\vdash$          | _        | $\perp$ | $\vdash$   | - :::: |          |          | _ _         | 1  | <u> </u>     | Ш        |          |                | $\dashv$      | _ |
| 43       93       143       144         44       94       144       144         45       95       145       145         46       96       146       147         48       98       148       148         49       99       149       149  |                        |          | $\vdash$ |                 |  | ++   |                 | $\dashv$       | -     |       |     | $\vdash$  |           | +                 | $\dashv$ |         | ┼  |        |          |          |             | 1  |              |          |          |                | $\dashv$      | _ |
| 44       94       144       145         45       95       145       145         46       96       146       147         47       97       147       147         48       98       148       148         49       99       149       149  |                        | 42       | -        | $\dashv$        |  | ++   |                 | $\dashv$       | ŀ     |       |     | $\dashv$  | $\dashv$  | +                 | $\dashv$ |         | +  | -      |          | 142      | -           |  |              | Н        | _        |                | +             | _ |
| 45     95       46     96       47     97       48     98       49     99  | $\vdash \vdash \vdash$ |          |          | +               | -  | ++   | +               | -              | ŀ     |       |     | $\vdash$  | $-\vdash$ | +-1               | +        |         |  | -      |          |          | +           | +  |              | -        |          | $\dashv$       |               | _ |
| 46     96       47     97       48     98       49     148   | $\vdash \dashv$        | 45       |          | $\dashv \dashv$ |  | ++   | $\dashv$        | $\dashv$       | -     | -     |     | $\vdash$  | +-        | +                 | -+       | +-      | +-   | -      |          | 144      | +           | $\vdash$   | $\vdash$     | $\dashv$ | $\dashv$ | $\dashv$       | +             | _ |
| 47     97     147       48     98     148       49     99     149  | $\vdash \vdash$        |          |          | $\dashv$        | _  | <del>                                     </del> |                 | $\dashv$       | ŀ     |       | 96  |           | +-        | +                 | $\dashv$ | +       | +  | -      |          | 146      | +           | +-   |              | H        |          | $\dashv$       | -+            | _ |
| 48 98 148 148 149 99 149 149 149 149 149 149 149 149   |                        |          | $\dashv$ | $\dashv$        | _  | $\dagger \dagger$                                |                 | $\dashv$       | ŀ     |       |     | $\vdash$  | +         | +                 | $\dashv$ | +-      | $\vdash$   | 1      |          |          | +           | <del>                                     </del> | $\vdash$     | $\vdash$ | $\dashv$ | $\dashv$       | +             |   |
| 49 99 149 149  |                        |          | 一        | $\dashv \dashv$ | $\top$   | $\top \top$                                      | $\top$          | $\dashv$       | ľ     |       |     | -         | $\top$    | $\Box$            | $\dashv$ | +       | +  | 1      |          |          | -           | t  |              | $\vdash$ |          | $\dashv$       | +             |   |
|  |                        | 49       |          |                 |  |  |                 |                | ľ     |       | 99  |           | $\neg$    | $\dagger \exists$ | 7        |         |  |        |          | 149      | $\dashv$    | T  |              | $\dashv$ |          |                | +             | - |
| <u> </u>   |                        | 50       |          |                 |  |  |                 |                |       |       | 100 |           | T         |                   | $\top$   | $\top$  |  | 1      |          | 150      |             |  |              |          | _        | 寸              | $\neg$        | _ |